



**INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION**

(PTO-1449)

ATTY. DOCKET NO.
102258.158US2

SERIAL NO.
10/628,375

APPLICANT
David S. GARVEY et al.

FILING DATE
July 29, 2003

GROUP

1626

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
KS	5,360,925	11/01/94	Chabrier de Lassauniere et al.	—	—	09/29/93
	5,607,966	03/04/97	Hellberg et al.			12/23/94
	5,621,000	04/15/97	Arena et al.			05/26/95
	5,700,947	12/23/97	Del Soldato			04/05/96
	5,703,073	12/30/97	Garvey et al.			10/13/95
	5,733,909	03/31/98	Black et al.			01/21/97
	5,780,495	07/14/98	Del Soldato			07/29/97
	5,789,413	08/04/98	Black et al.			01/21/97
	5,811,438	09/22/98	Helberg et al.			06/04/97
	5,849,943	12/15/98	Atkinson et al.			04/07/97
	5,859,053	01/12/99	Lesur et al.			10/24/97
	5,861,426	01/19/99	Del Soldato et al.			03/06/97
	5,925,631	07/20/99	Black et al.			08/03/98
KS	6,040,341	03/21/00	Del Soldato et al.	—	—	04/29/98

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
KS	EP 0 440 098	08/07/91	Europe	—	—	X	
	WO 94/03421	02/17/94	WIPO			X	
	WO 94/04484	03/03/94	WIPO			X	
KS	WO 94/12463	06/09/94	WIPO	—	—	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KS	Gu, Qu-Ming, Ching-Shih Chen and C. J. Sih. 1986. "A Facile Enzymatic Resolution Process for the Preparation of (+)-S-2-(6-Methoxy-2-Naphthyl) Propionic Acid (Naproxen)." <i>Tetrahedron Letters</i> , Vol. 27, No. 16. pp. 1763 - 1766.
KS	Palmer, R. M. J., D. S. Ashton and S. Moncada. June 16, 1988. "Vascular endothelial cells synthesize nitric oxide from L-arginine." <i>Nature</i> , Vol. 333. pp. 664 - 666.
KS	MacNaughton, Wallace K., Giuseppe Cirino and John L. Wallace. September 5, 1989. "Endothelium-Derived Relaxing Factor (Nitric Oxide) Has Protective Actions in the Stomach." <i>Life Sciences</i> , Vol. 45. pp. 1869 - 1876.

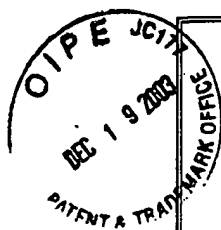
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KS	6,043,233	03/28/00	Garvey et al.	-	-	01/22/99
	6,046,191	04/04/00	Hamley et al.			10/26/98
	6,048,858	04/11/00	Garvey et al.			01/22/99
	6,051,588	04/18/00	Garvey et al.			04/19/95
	6,057,347	05/02/00	Garvey et al.			09/16/97
	6,083,515	07/04/00	Garvey et al.			01/22/99
	6,143,734	11/07/00	Garvey et al.			01/31/00
	6,248,745	06/19/01	Hamley et al.			09/01/99
	6,297,260	10/02/01	Bandarage et al.			10/29/99
	6,323,234	11/27/01	Garvey et al.			03/03/00
	2002/0028845 A1	03/01/02	Ekwuribe et al.			03/30/02
	6,355,666	03/12/02	Lai et al.			06/23/00
	6,365,184	4/2/02	Depui et al.			12/23/99
	6,369,260	4/9/02	Sanniccolo' et al.			5/16/97
	6,429,223	08/06/02	Lai et al.			11/17/00
KS	2002/0111370 A1	08/15/02	Bergman et al.	-	-	12/20/01

FOREIGN PATENT DOCUMENTS

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						Yes	No
KS	WO 95/09831	04/13/95	WIPO	-	-	X	
	EP 0 676 204	10/11/95	Europe			X	
	WO 95/30641	11/16/95	WIPO			X	
KS	WO 96/13483	05/09/96	WIPO	-	-	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KS	Kitagawa, Hisato, Fumiyo Takeda and Hiroshi Kohei. March 15, 1990. "Effect of Endothelium-Derived Relaxing Factor on The Gastric Lesion Induced by HCI in Rats." <i>The Journal of Pharmacology and Experimental Therapeutics</i> , Vol. 253, No. 3. pp. 1133 - 1137.
KS	Boughton-Smith, Nigel K., Iain R. Hutcheson, Angela M. Deakin, Brendan J. R. Whittle and S. Moncada. October 23, 1990. "Protective effect of S-nitroso-N-acetyl-penicillamine in endotoxin-induced acute intestinal damage in the rat." <i>European Journal of Pharmacology</i> , Vol. 191. pp. 485 - 488.
KS	Brown, James F., Peter J. Hanson, and Brendan J. R. Whittle. October 13, 1992. "Nitric oxide donors increase mucus gel thickness in rat stomach." <i>European Journal of Pharmacology</i> , Vol. 223. pp. 103 - 104.

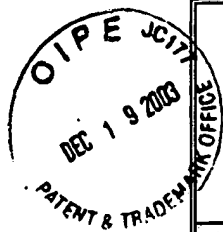
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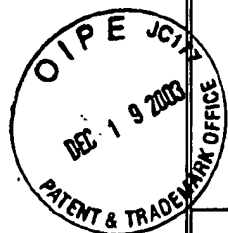
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ks	6,436,990	08/20/02	Ekwuribe et al.	—	—	10/27/00	
	6,482,846	11/19/02	Garvey et al.			08/30/01	
	6,512,137	01/28/03	Del Soldato et al.			07/17/01	
	6,525,098	02/25/03	Ekwuribe et al.			10/27/00	
	6,552,078	04/22/03	Ekwuribe et al.			03/30/01	
	2003/0088111	5/8/03	Lai et al.			3/12/02	
ks	6,593,347	07/15/03	Bandarage et al.	—	—	08/27/01	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
ks	WO 96/32946	10/24/96	WIPO	—	—	X	
	WO 97/16405	05/09/97	WIPO			X	
	WO 97/28120	08/07/97	WIPO			X	
	WO 97/28121	08/07/97	WIPO			X	
	WO 97/31654	09/04/97	WIPO			X	
	WO 97/36863	10/09/97	WIPO			X	
	WO 98/09948	03/12/98	WIPO			X	
	WO 98/25981	06/18/98	WIPO			X	
	EP 0 656 881	10/14/98	Europe			X	
	WO 99/44595	09/10/99	WIPO			X	
	WO 99/45004	09/10/99	WIPO			X	
ks	WO 00/00200	01/06/00	WIPO	—	—	X	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
ks	Conforti, A., M. Donini, G. Brocco, P. Del Soldato, G. Benoni, and L. Cuzzolin. 1993. "Acute anti-inflammatory activity and gastrointestinal tolerability of diclofenac and nitrofenac." <i>Agents Actions</i> , Vol. 40. pp. 176 - 180.						
ks	Reuter, B. K., G. W. McKnight, G. Cirino and J. L. Wallace. 1993. "Nitric Oxide Releasing Nsaid Derivatives Do Not Cause Intestinal Injury or Exacerbate Pre-Existing Colitis." <i>Castagliuolo I et al. Gastroenterology</i> , Vol. 104, No. A678.						
ks	Konturek, Stanislaw J., Tomasz Brzozowski, Jolanta Majka, Jolanta Pytko-Polonczyk and Jerzy Stachura. June 1, 1993. "Inhibition of nitric oxide synthase delays healing of chronic gastric ulcers." <i>European Journal of Pharmacology</i> , Vol. 239. pp. 215 - 217.						
EXAMINER				DATE CONSIDERED			
ks				02/01/06			

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						Yes	No
ks	WO 00/06585	02/10/00	WIPO	1	-	X	
	WO 00/25776	05/11/00	WIPO			X	
	WO 00/44705	08/03/00	WIPO			X	
	WO 00/51988	09/08/00	WIPO			X	
	WO 00/61537	10/19/00	WIPO			X	
	WO 00/61541	10/19/00	WIPO			X	
	WO 00/61549	10/19/00	WIPO			X	
	WO 00/61604	10/19/00	WIPO			X	
	WO 00/72838	12/07/00	WIPO			X	
	WO 01/00563	01/04/01	WIPO			X	
	WO 01/04082	01/18/01	WIPO			X	
	WO 01/10814	02/15/01	WIPO			X	
	WO 01/12584	02/22/01	WIPO			X	
	WO 01/49275	07/12/01	WIPO			X	
ks	WO 01/66088	09/13/01	WIPO			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ks	Carty, Thomas J.. 1993. "Ampiroxicam, an anti-inflammatory agent which is a prodrug of piroxicam." <i>Agents Actions</i> , Vol. 39. pp. 158 - 165.
ks	Cuzzolin, Laura et al.. 1994. "Effects on Intestinal Microflora, Gastrointestinal Tolerability and Antiinflammatory Efficacy of Diclofenac and Nitrofenac in Adjuvant Arthritic Rats." <i>Pharmacological Research</i> , Vol. 29, No. 1. pp. 89 - 97.
ks	Rachmilewitz, D. et al. 1994. "Enhanced gastric nitric oxide synthase activity in duodenal ulcer patients." <i>Gut</i> , Vol. 35. pp. 1394 - 1397.
ks	Wallace, John L. et al. March 8, 1994. "A diclofenac derivative without ulcerogenic properties." <i>European Journal of Pharmacology</i> , Vol. 257. pp. 249 - 255.

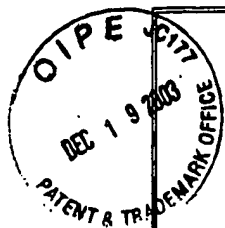
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						Yes	No
ks	WO 01/78781	10/25/01	WIPO	—	—	X	
	WO 01/87343	11/22/01	WIPO			X	
	WO 01/93680	12/13/01	WIPO			X	
	WO 02/00166	01/03/02	WIPO			X	
	WO 02/00167	01/03/02	WIPO			X	
	WO 02/11706	02/14/02	WIPO			X	
	WO 02/11707	02/14/02	WIPO			X	
	WO 02/30866	04/18/02	WIPO			X	
	WO 02/051385	07/04/02	WIPO			X	
	WO 02/053188	07/11/02	WIPO			X	
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	WO 02/092072	11/21/02	WIPO			X	
	WO 02/100400	12/19/02	WIPO			X	
	WO 03/000642	01/03/03	WIPO			X	
	WO 03/000643	01/03/03	WIPO			X	
ks	WO 03/022249	03/20/03	WIPO	—	—	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ks	Reuter, Brian K., Giuseppe Cirino and John L. Wallace. April 18, 1994. "Markedly Reduced Intestinal Toxicity of a Diclofenac Derivative." <i>Life Sciences</i> , Vol. 55, No.1. pp. PL-1 - PL-8.
1	Wallace, John L. and Giuseppe Cirino. 1994. "The development of gastrointestinal-sparing nonsteroidal anti-inflammatory drugs." <i>TIPS</i> , Vol. 15. pp. 405 - 406.
1	Wallace, J. L., B. K. Reuter and G. Cirino. June 8, 1994. "Nitric oxide-releasing non-steroidal anti-inflammatory drugs: A novel approach for reducing gastrointestinal toxicity." <i>Journal of Gastroenterology and Hepatology</i> , Vol. 9. pp. S40 - S44.
ks	Wallace, John L. et al. 1994. "Novel Nonsteroidal Anti-inflammatory Drug Derivatives With Markedly Reduced Ulcerogenic Properties in the Rat." <i>Gastroenterology</i> , Vol. 107. pp. 173 - 179.

EXAMINER

ks

DATE CONSIDERED

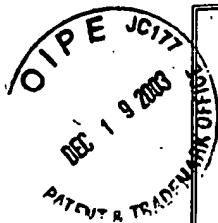
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ks	Wallace, John L., Quentin J. Pittman and Giuseppe Cirino. 1995. "Nitric Oxide-Releasing NSAIDs" A Novel Class of GI-Sparing Anti-Inflammatory Drugs." <i>Novel Molecular Approaches to Anti-Inflammatory Theory</i> . Pp. 121 - 129.		
	Wallace, John L., G. Cirino, G. Webb McKnight and Susan N. Elliott. March 21, 1995. "Reduction of gastrointestinal injury in acute endotoxic shock by flurbiprofen nitroxybutylester." <i>European Journal of Pharmacology</i> , Vol. 280. pp. 63 - 68.		
	Wallace, John L., Piero Del Soldato and Giuseppe Cirino. 1995. "Pulmonary-Allergy, Dermatological, Gastrointestinal & Arthritis." <i>Exp. Opin. Invest. Drugs</i> , Vol. 4, No. 7. pp. 613 - 619.		
	Barrachina, M. Dolores et al. June 30, 1995. "Transdermal nitroglycerin prevents nonsteroidal anti-inflammatory drug gastropathy." <i>European Journal of Pharmacology</i> , Vol. 281. pp. R3 - R4.		
	Elliott, Susan N., Webb McKnight, Giuseppe Cirino and John L. Wallace. 1995. "A Nitric Oxide-Releasing Nonsteroidal Anti-Inflammatory Drug Accelerates Gastric Ulcer Healing in Rats." <i>Gastroenterology</i> , Vol. 109. pp. 524 - 530.		
	Wallace, John L., Webb McKnight, Piero Del Soldato, Anwar R. Baydoun and Giuseppe Cirino. December 1995. "Anti-Thrombotic Effects of a Nitric Oxide-releasing, Gastric-sparing Aspirin Derivative." <i>J. Clin. Invest.</i> , Vol. 96. pp. 2711 - 2718.		
	Cuzzolin, L. et al. 1995. "Anti-Inflammatory Potency and Gastrointestinal Toxicity of a New Compound, Nitronaproxen." <i>Pharmacological Research</i> , Vol. 31, No. 1. pp. 61 - 65.		
	Langford, E. J., R. J. Wainwright and J. F. Martin. 1996. "Platelet Activation in Acute Myocardial Infarction and Unstable Angina Is Inhibited by Nitric Oxide Donors." <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , Vol. 16, No. 1. pp. 51 - 55.		
	Del Soldato, P. et al. 1996. "Nitric Oxide-Releasing NSAIDs, A Novel Class of Safe and Effective Anti-Inflammatory Agents." <i>Inflammopharmacology</i> , Vol. 4. pp. 181 - 188.		
	Davies, N. M. et al. 1997. "NO-naproxen vs. naproxen: ulcerogenic, analgesic and anti-inflammatory effects." <i>Aliment Pharmacol. Ther.</i> , Vol. 11. pp. 69 - 79.		
	Rautio, Jarkko et al. December 1998. "In Vitro Evaluation of Acyloxyalkyl Esters as Dermal Prodrugs of Ketoprofen and Naproxen." <i>Journal of Pharmaceutical Sciences</i> , Vol. 87, No. 12. pp. 1622 - 1628.		
	Endres, Stefan, Andreas Hacker, Eike Noack, Georg Kojda and Jochen Lehmann. 1999. "NO-Donors, part 3: nitrooxyacylated thiosalicylates and salicylates - synthesis and biological activities." <i>Eur. J. Med. Chem.</i> , Vol. 34. pp. 895 - 901.		
ks	Rautio, Jarkko et al. 1999. "Synthesis and In Vitro Evaluation of Aminoacyloxyalkyl Esters of 2-(6-methoxy-2-naphthyl) propionic Acid as Novel Naproxen Prodrugs for Dermal Drug Delivery." <i>Pharmaceutical Research</i> , Vol. 16, No. 8. pp. 1172 - 1178.		
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ks	Muscará, Marcelo N., Webb McKnight, Samuel Asfaha & John L. Wallace. 2000. "Wound collagen deposition in rats: effects of an NO-NSAID and a selective COX-2 inhibitor." <i>British Journal of Pharmacology</i> , Vol. 129. pp. 681 – 686.		
	Bing, Richard J., Tadahiko Yamamoto, Hyunjin Kim and Robert H. Grubbs. 2000. The Pharmacology of a New Nitric Oxide Donor: B-NOD." <i>Biochemical and Biophysical Research Communications</i> , Vol. 275. pp. 350 – 353.		
	Al-Swayeh, O. A., R. H. Clifford, P. del Soldato and P. K. Moore. 2000. "A comparison of anti-inflammatory and anti-nociceptive activity of nitroaspirin and aspirin." <i>British Journal of Pharmacology</i> , Vol. 129. pp. 343 – 350.		
	Johal, Kamaljit and Peter J. Hoffman. 2000. "Opposite effect of flurbiprofen and the nitroxybutyl ester of flurbiprofen on apoptosis in cultured guinea-pig gastric mucous cells." <i>British Journal of Pharmacology</i> , Vol. 130. pp. 811 – 818.		
	Yamamoto, Tadahiko, N. Rani Kakar, Ernest R. Vina, Paul E. Johnson and Richard J. Bing. 2000. "The effect of aspirin and two nitric oxide donors on the infarcted heart in situ." <i>Life Sciences</i> , Vol. 67. pp. 839 – 846.		
	Abadi, Ashraf H., Stefan Laufer and Jochen Lehmann. 2001. "Synthesis and Cyclooxygenase Inhibitory Properties of Novel (+) 2-(6-Methoxy-2-naphthyl) propanoic Acid (Naproxene) Derivatives." <i>Arch. Pharm. Pharm. Med. Chem.</i> , Vol. 334. pp. 104 – 106.		
	Gilmer, John F., Louise M. Moriarty, Dermot F. McCafferty and John M. Clancy. 2001. "Synthesis, hydrolysis kinetics and anti-platelet effects of isosorbide mononitrate derivatives of aspirin." <i>European Journal of Pharmaceutical Sciences</i> , Vol. 14. pp. 221 – 227.		
	Kartasasmita, Rahmana E., Stefan Laufer and Jochen Lehmann. 2002. "NO-Donors (VII [1]): Synthesis and Cyclooxygenase Inhibitory Properties of N- and S-Nitrooxypivaloyl-cysteine Derivatives of Naproxen – A Novel Type of NO-NSAID." <i>Arch. Pharm. Pharm. Med. Chem.</i> , Vol. 8. pp. 363 – 366.		
	Cena, Clara et al. 2003. "Antiinflammatory, Gastrosparing, and Antiplatelet Properties of New NO-Donor Esters of Aspirin." <i>J. Med. Chem.</i> , Vol. 46. pp. 747 – 754.		
	Wallace, J. L. et al. "Nitric Oxide Releasing NSAID Derivatives: Anti-Inflammatory Without Gastropathy." <i>Gastroenterology</i> , Vol. 106, No. 4., Part 2.		
ks	Muscará, Marcelo N., Webb McKnight, Samuel Asfaha & John L. Wallace. 2000. "Wound collagen deposition in rats: effects of an NO-NSAID and a selective COX-2 inhibitor." <i>British Journal of Pharmacology</i> , Vol. 129. pp. 681 – 686.		
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